Gulf of Mexico Harmful Algal Bloom Bulletin

14 November 2006

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: November 8, 2006

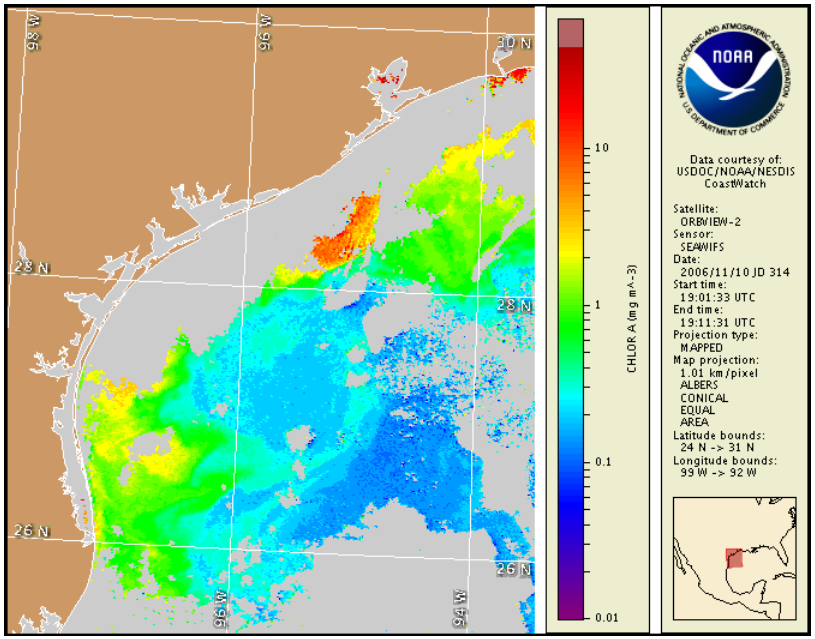
Conditions Report

Red tide has not been reported in the past three weeks. No impacts are expected in Texas. Check with the Department of State Health Services for information on shellfish conditions.

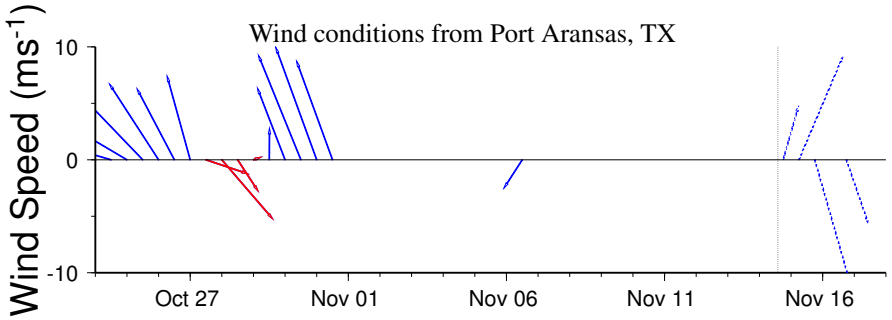
Analysis

Karenia brevis bloom has dissipated off the Texas coast. Imagery has been cloudy since the last bulletin. The anomalous chlorophyll off Texas coast may be diatoms or resuspension but not Karenia.

Jewett,Lopez

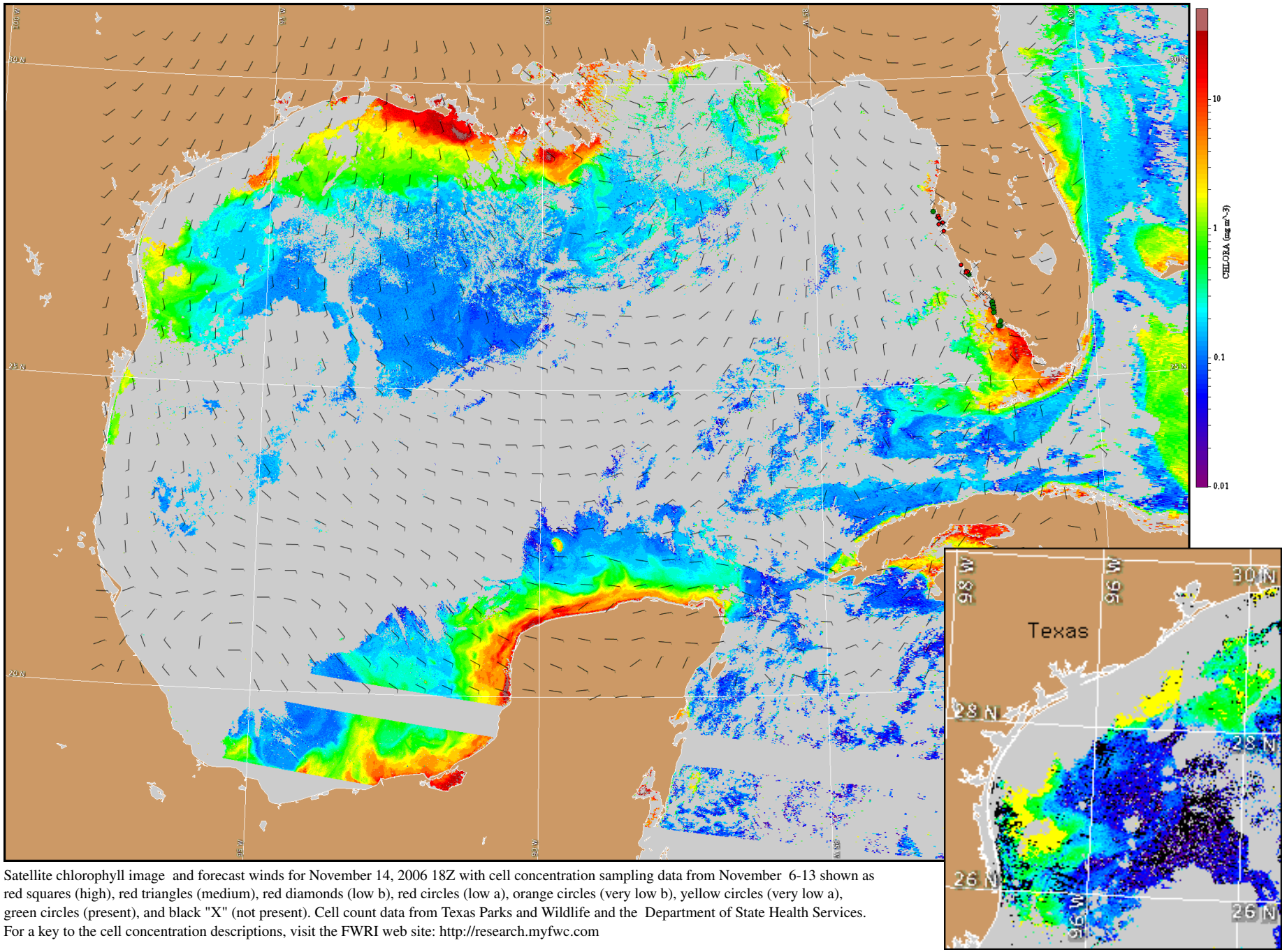


Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from November 6-13 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: http://research.myfwc.com



Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Southwest winds today (15 to 20 knots) will shift to northwest winds tomorrow increasing to 30 knots. By Thursday, winds will decrease to 15 - 20 knots.



Satellite chlorophyll image and forecast winds for November 14, 2006 18Z with cell concentration sampling data from November 6-13 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). Cell count data from Texas Parks and Wildlife and the Department of State Health Services. For a key to the cell concentration descriptions, visit the FWRI web site: http://research.myfwc.com

Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).

Wind conditions from 60nm S of Freeport,TX